

AMENDMENT UNDER 37 C.F.R. § 1.114
U.S. Appln. No. 09/822,496

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A menu display system for detecting a current position of a movable body and carrying out a menu display in accordance with map data, the menu display system comprising:

a menu information obtaining device for obtaining menu information linked to an area corresponding to the detected current position;

a menu information storage device for storing the menu information therein; and

a menu controlling device for controlling the menu display by using the menu information,

wherein the menu information stored in the storage device comprises predetermined fixed menu information,

wherein the controlling device controls the menu display to display predetermined fixed menu information, and

wherein, when the menu information is updated, the menu controlling device controls the menu display to display updated menu information with the predetermined fixed menu information.

~~wherein the menu information obtaining device includes a radio communication device for sending position data of the detected current position and receiving the menu information selected in accordance with the position data.~~

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Claims 2 and 3. (canceled).

4. (previously presented): The menu display system according to claim 1, wherein the radio communication device communicates with a center side server having a plurality of menu information so as to link the plurality of menu information to respective areas.

5. (original): The menu display system according to claim 4, wherein the radio communication device and the center side server communicate with each other through the Internet.

6. (canceled).

7. (currently amended): The menu display system according to claim 1 ~~6~~, further comprising a menu selecting device that can select any one of the updated menu information that ~~can be updated~~ and the predetermined fixed menu information as menu information used for the menu display.

8. (currently amended): The menu display system according to claim 7, wherein the menu selecting device can select any one of a plurality of kinds of the updated menu information ~~that can be updated~~ as menu information used for the menu display.

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9. (original): The menu display system according to claim 1, wherein the menu information is described in a format corresponding to a hyper text.

Claim 10. (canceled).

11. (currently amended): A The menu display system according to claim 1, further comprising: for carrying out a menu display in accordance with map data, wherein a menu display terminal for carrying out a menu display in accordance with map data and a center side server; and for providing menu information linked to an area are connected to each other through the Internet,
wherein the a radio communication device that menu display terminal sends position data of the detected current position to the center side server, and
wherein the center side server retrieves the updated menu information linked to the area in accordance with received position data, and sends the retrieved updated menu information that has been retrieved result to the radio communication device,
wherein the radio communication device provides the updated menu information to the menu information obtaining device. menu display terminal,
wherein the menu display terminal comprises a radio communication device for sending position data of the detected current position and receiving the menu information selected in accordance with the position data.

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12. (currently amended): A menu display method of detecting a current position of a movable body and carrying out a menu display in accordance with map data, the menu display method comprising the processes of:

obtaining menu information linked to an area corresponding to the detected current position;

storing the menu information, which comprises predetermined fixed menu information, in a menu information storage device; and

controlling the menu display by using the menu information to display the predetermined fixed menu information, and

when the menu information is updated, controlling the menu display to display updated menu information with the predetermined fixed menu information.

~~wherein the process of obtaining the menu information includes the process of sending position data of the detected current position and receiving the menu information selected in accordance with the position data through a radio communication.~~

Claims 13 and 14. (canceled).

15. (currently amended): The menu display method ~~system~~ according to claim 12, wherein the process of obtaining the menu information comprises:
the process of sending position data of the detected current position to a center side server through a radio communication, the center side server having a plurality of menu information so as to link the plurality of menu information to respective areas, and

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the process of receiving the menu information selected in accordance with the position data in the center side server through a radio communication.

16. (original): The menu display method according to claim 15, wherein the process of sending the position data and the process of receiving the menu information are performed through the radio communication via the Internet.

17. (canceled).

18. (currently amended): The menu display method according to claim 12 ~~17~~, further comprising the process of selecting any one of the updated menu information ~~that can be updated~~ and the predetermined fixed menu information as menu information for the menu display.

19. (currently amended): The menu display method according to claim 18, wherein the process of selecting any one of the updated menu information and the predetermined fixed menu information selects any one of a plurality of kinds of ~~the~~ updated menu information ~~that can be updated~~ as menu information for the menu display if it selects the menu information.

20. (original): The menu display method according to claim 12, wherein the menu information is described in a format corresponding to a hyper text.

Claim 21. (canceled).

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22. (currently amended): A menu display method comprising ~~the processes of:~~ displaying a predetermined fixed menu information on ~~in~~ a menu display terminal in accordance with map data;

~~providing menu information linked to an area from a center side server to the menu display terminal through the Internet;~~

sending position data from the menu display terminal to the center side server; ~~in the center side server, retrieving the additional menu information linked to the an area in accordance with received the position data received from the menu display terminal; in the center side server; and~~

sending the additional menu information from the center side server to the menu display terminal through the Internet; and

displaying the additional menu information with the predetermined fixed menu information on ~~sending the retrieved result to the menu display terminal,~~

wherein the position data sent from the menu display terminal is data of detected current position of the menu display terminal ~~and the retrieved result as the menu information selected in accordance with the position data is received in the menu display terminal.~~

23. (previously presented): The menu display system according to claim 1, wherein the menu information includes an event information at a neighborhood of the current position of the movable body.

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24. (previously presented): The menu display method according to claim 12, wherein the map information includes an event information at a neighborhood of the current position of the movable body.

25. (new): A menu display apparatus, comprising:
a position detection circuit that detects a current position of a movable body;
a control circuit that displays a menu having a predetermined menu option regardless of an area in which the current position of the movable body is located,
wherein, when the current position of the movable body enters a particular area, the control circuit displays an additional menu option with the predetermined menu option on the menu.

26. (new): The menu display apparatus as claimed in claim 25, wherein the control circuit receives additional menu information from a source remote from the movable body, and wherein the control circuit displays the additional menu option based on the additional menu information.

27. (new): The menu display apparatus as claimed in claim 26, wherein the control circuit receives the additional menu information from the remote source when the movable body enters the particular area.

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28. (new): The menu display apparatus as claimed in claim 25, wherein the additional menu option corresponds to an event occurring in the particular area.

29. (new): A menu information providing apparatus, comprising:

- a transmitter;
- a memory that stores additional menu information relating to an event occurring in a particular area in which the transmitter is located;
- a control circuit that instructs the transmitter to transmit the additional menu information, wherein the additional menu information relates to a menu option to be displayed on a navigation apparatus of a movable body, and
- wherein the additional menu information is transmitted to a mobile body when the mobile body enters the particular area.